

ABSTRACT OF THE DISCLOSURE

A portable computer with a desktop type processor. The portable computer further includes a power management controller and a clock generator. The power management
5 controller judges the type of power supply used by the portable computer. The clock generator is coupled to the power management controller and the desktop type processor respectively, and outputs a clock signal based on a control signal from the power management controller
10 and a judge signal from the desktop type processor so as to determine an operational frequency and an operational voltage of the desktop type processor.